

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	("6767156").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/29 12:46
L2	10	("1733392" "3822952" "4022287" "4332502" "4398898" "4441565" "4687368" "4834193" "4968068"). PN. OR ("6767156").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/29 12:47
L3	7083	((175/293,320,323,394,395,414) or (166/380,242.1,242.6) or (285/340, 334) or (403/343,40,62,296,348,370, 374.3,299)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/29 13:13
L4	196	3 and (percuss\$4 near4 drill\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/29 13:48
L5	77	4 and (thread\$4 near3 (coupling connect\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/29 13:48

L6	137	("1477855" "1733392" "1932427" "1959919" "2052019" "2206166" "2392033" "2563038" "2772899" "2835473" "2909380" "2955847" "2956783" "3129963" "3251427" "3277972" "3313364" "3355192" "3359013" "3388935" "3489445" "3508771" "3537738" "3567254" "3574373" "3586353" "3645570" "3666022" "3709306" "3717368" "3822952" "3933210" "4004832" "4022287" "4040756" "4084829" "4220213" "4295751" "4332502" "4398898" "4441565" "4540200" "4548431" "4549754" "4570982" "4582348" "4625814" "4629223" "4687368" "4688828" "4707001" "4717183" "4760887" "4770259" "4834193" "4861209" "4872515" "4893658" "4968068" "4969671" "5056611" "5060740" "5064004" "5163523" "5169183" "5427418" "5595252" "5678608" "5678698" "5699867" "5730566" "5733137" "5785360" "5788401" "5791849" "5794728" "5924500" "6095266" "6196598" "6394190" "Re23860" "Re27284").PN. OR ("2002/0050362" "3645570" "3822952" "4040756" "4295751" "4332502" "4441565" "4687368" "4760887" "4968068" "5785360" "5984030" "6196598" "6293360" "6334493" "6394190" "6767156" "6810956").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/29 13:18
----	-----	--	------------------------------	----	----	------------------

L7	111	("1477855" "1733392" "1932427" "1959919" "2052019" "2206166" "2392033" "2563038" "2772899" "2835473" "2909380" "2955847" "2956783" "3129963" "3251427" "3277972" "3313364" "3355192" "3359013" "3388935" "3489445" "3508771" "3537738" "3567254" "3574373" "3586353" "3645570" "3666022" "3709306" "3717368" "3822952" "3933210" "4004832" "4022287" "4040756" "4084829" "4220213" "4295751" "4332502" "4398898" "4441565" "4540200" "4548431" "4549754" "4570982" "4582348" "4625814" "4629223" "4687368" "4688828" "4707001" "4717183" "4760887" "4770259" "4834193" "4861209" "4872515" "4893658" "4968068" "4969671" "5056611" "5060740" "5064004" "5163523" "5169183" "5427418" "5595252" "5678608" "5678698" "5699867" "5730566" "5733137" "5785360" "5788401" "5791849" "5794728" "5924500" "6095266" "6196598" "6394190" "Re23860" "Re27284").PN. OR ("2002/0050362" "3645570" "3822952" "4040756" "4295751" "4332502" "4441565" "4687368" "4760887" "4968068" "5785360" "5984030" "6196598" "6293360" "6334493" "6394190" "6767156" "6810956").URPN.	US-PGPUB; USPAT	OR	ON	2005/03/29 13:21
L8	119	4 not 5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/29 13:22
L9	4164	(percuss\$4 near4 drill\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/29 14:07
L10	394	9 and (thread\$4 near3 (coupling connect\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/29 14:08
L11	76	10 and (length with (diameter radius))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/29 14:08

L12	318	10 not 11	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/29 14:33
L13	21	12 and spigot	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/29 13:56
L14	113	12 and ((male external) near3 thread)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/29 14:58
L15	5201	(percuss\$4 near4 drill\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/29 14:07
L16	570	15 and (thread\$4 near3 (coupling connect\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/29 14:53
L17	178	16 and (length same (diameter radius))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/29 14:08
L18	494	16 not 11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/29 14:09
L19	31	17 not 11	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/29 14:10
L20	76	17 not 19	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/29 14:10

L21	102	17 not 11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/29 14:10
L22	71	21 not 19	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/29 14:11
L23	2	((("0468368") or ("4332502")).PN.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/03/29 14:34
L24	2	((("4687368") or ("4332502")).PN.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/03/29 14:34
L25	1	("4968068").PN.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/03/29 14:35
L26	176	16 not 10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/29 14:53
L27	257	15 and ((male external) near3 thread)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/29 14:58
L28	137	27 and (diameter and length)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/29 15:03
L29	37	28 and ((diameter near4 (mm cm inch)) (length near4 (mm cm inch)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/29 14:59

L30	13	28 and ((diameter near4 (mm cm inch)) and (length near4 (mm cm inch)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/29 15:03
L31	13	27 and ((diameter near4 (mm cm inch)) and (length near4 (mm cm inch)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/29 15:03

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ BLACK BORDERS
- ☐ IMAGE CUT OFF AT TOP, BOTTOM OR SIDES
- ☐ FADED TEXT OR DRAWING
- ☐ BLURRED OR ILLEGIBLE TEXT OR DRAWING
- ☐ SKEWED/SLANTED IMAGES
- ☐ COLOR OR BLACK AND WHITE PHOTOGRAPHS
- ☐ GRAY SCALE DOCUMENTS
- ☐ LINES OR MARKS ON ORIGINAL DOCUMENT
- ☒ REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY
- ☐ OTHER: _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.